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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR 8		
N/C	INITIAL RELEASE	09-12-19	T. CROSS
A	INCORPORATED ECN 06418	12-04-19	T. CROSS
B	INCORPORATED ECN 06658	03-30-21	J.GARDINER

NOTES:

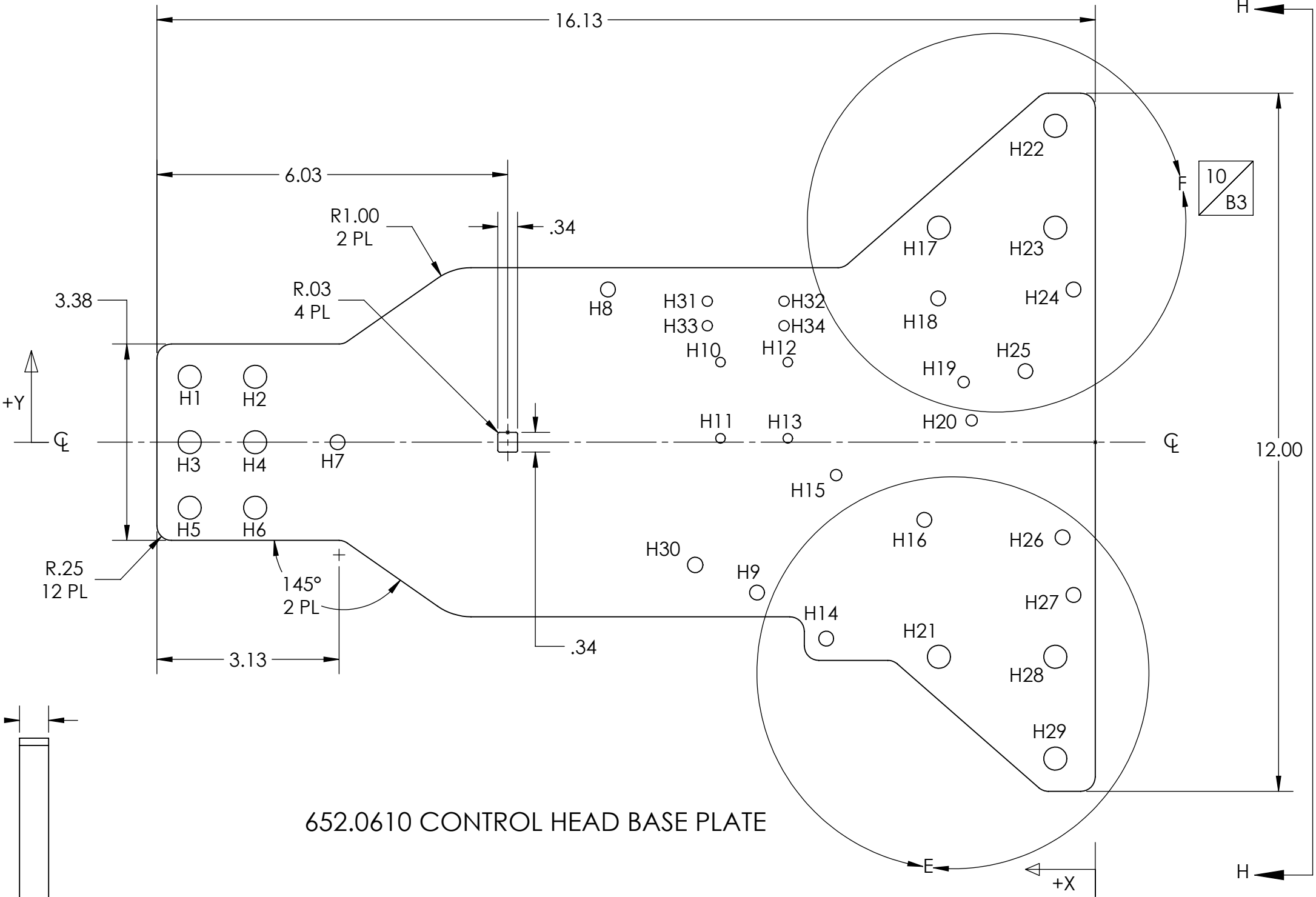
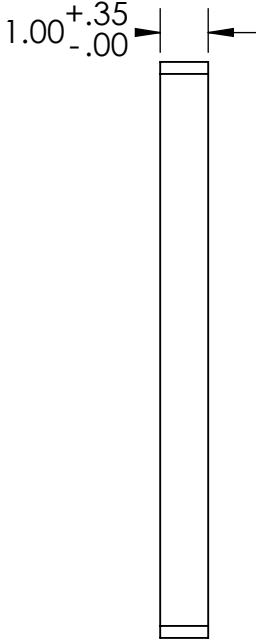
- 1 MATERIAL: 6061-T6 PLATE, 1 INCH THICK, IAW ASTM B209
- 2 MATERIAL: 6061-T6 PLATE, 2 INCH THICK, IAW ASTM B209
- 3 MATERIAL: 6061-T6 SHEET, 0.25 INCH THICK, IAW ASTM B209
- 4 MATERIAL: 6061-T6 SHEET, 0.125 INCH THICK, IAW ASTM B209
- 5 FINISH: TUMBLE, FACE SURFACE FINISH 125 RMS OR BETTER.
- 6 MATERIAL: 6061-T6 SHEET, .375 INCH THICK, IAW ASTM B209
- 7 MATERIAL: 316 STAINLESS , 0.1875 INCH THICK, IAW ASTM A276
8. DEBURR AND BREAK SHARP EDGES
- 9 DELETED
- 10 MATERIAL: 6061-T6 OR 5052-O SHEET, 0.125 INCH THICK, IAW ASTM B209.
11. PERIMETER SURFACE FINISH (UNLESS OTHERWISE NOTED) 500RMS OR BETTER
- 12 PERIMETER DEFINED BY SOLID MODEL 652.0617 PR8.SLDPRT

652.0622	L-BRACKET	4	10
652.0621	DELETED		
652.0620	CONTROL HEAD LIFTING PLATE	6	5
652.0619	STIFFENER, STOP ARM	4	5
652.0618	STIFFENER, SPRING ARM	4	5
652.0617	CAM	7	5
652.0616	LINK, CAM ARM	4	5
652.0615	LINK, SPRING ARM	4	5
652.0614	LINK, BEARING ARM	4	5
652.0613	LINK, SOLENOID	4	5
652.0612	CONTROL HEAD COVER PLATE	3	5
652.0611	CONTROL HEAD STANDOFF PLATE	2	5
652.0610	CONTROL HEAD BASE PLATE	1	5
PART #	DESCRIPTION	MATERIAL	SPEC


QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 19.04.09		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
652.0500		DRAWN BY TDC	CHECKER TDC		
		DRAWING APPROVAL P. BRAVO 19.04.11			
		CONTRACT No.		CONTROL HEAD SHEET METAL	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6
				DWG. NO. 652.0600	REV. B
				SCALE NONE	SHEET 1 OF 10

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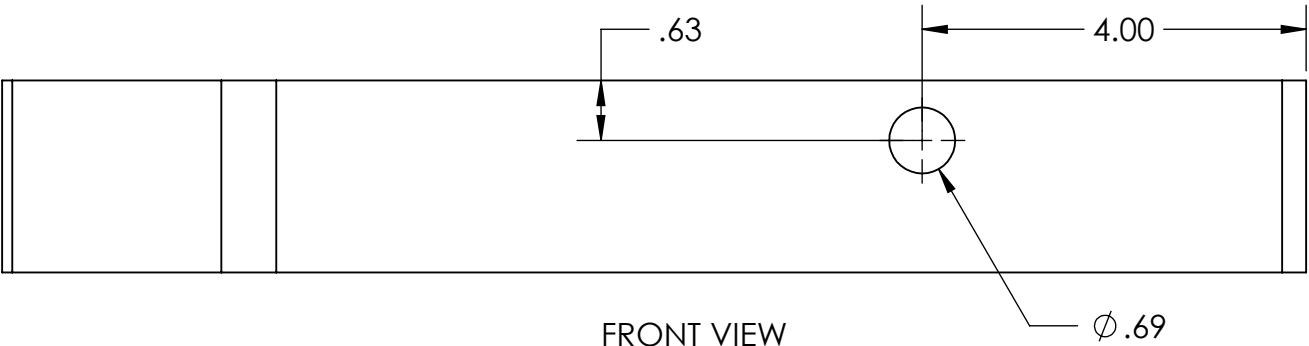
HOLE DIMENSION TABLE (ALL ITEMS INSPECTION DIMENSIONS)			
HOLE #	DIA	X POS	Y POS
H1	0.397	15.56	1.13
H2	0.397	14.44	1.13
H3	0.397	15.56	0.00
H4	0.397	14.44	0.00
H5	0.397	15.56	-1.13
H6	0.397	14.44	-1.13
H7	0.255	13.02	0.00
H8	0.255	8.38	2.63
H9	0.255	5.81	-2.58
H10	0.165	6.44	1.38
H11	0.165	6.44	0.07
H12	0.165	5.28	1.38
H13	0.165	5.28	0.07
H14	0.255	4.63	-3.38
H15	0.196	4.45	-0.56
H16	0.255	2.94	-1.33
H17	0.397	2.69	3.69
H18	0.255	2.70	2.47
H19	0.196	2.26	1.03
H20	0.196	2.13	0.38
H21	0.397	2.70	-3.69
H22	0.397	0.69	5.44
H23	0.397	0.69	3.69
H24	0.255	0.38	2.63
H25	0.255	1.20	1.22
H26	0.255	0.56	-1.63
H27	0.255	0.38	-2.63
H28	0.397	0.69	-3.69
H29	0.397	0.69	-5.44
H30	0.266	6.88	-2.11
H31	0.177	6.67	2.42
H32	0.177	5.35	2.42
H33	0.177	6.67	2.00
H34	0.177	5.35	2.00



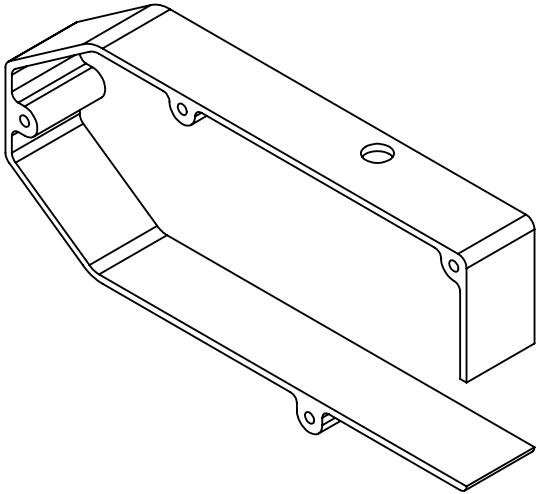
652.0610 CONTROL HEAD BASE PLATE

ORIGINAL DATE (MO-DA-YR) 19.04.09		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWN BY TDC	CHECKER TDC				
DRAWING APPROVAL P. BRAVO 19.04.11					
CONTRACT No.		CONTROL HEAD SHEET METAL			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 652.0600	REV. B
SCALE NONE		SHEET 2 OF 10			

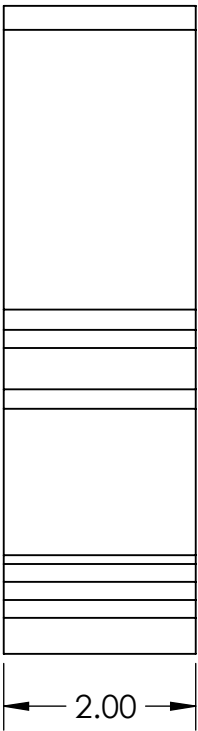
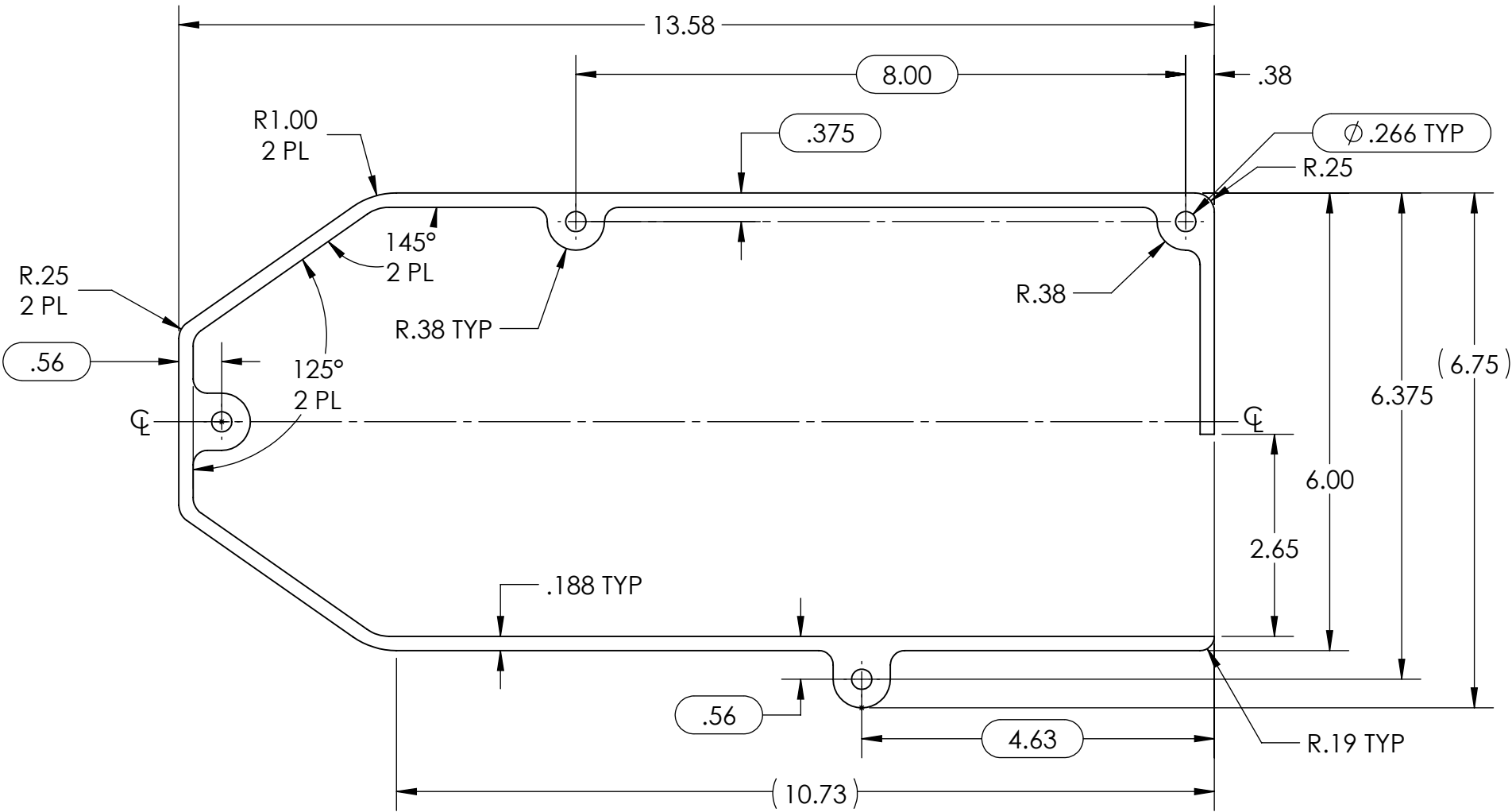
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FRONT VIEW



ISOMETRIC VIEW



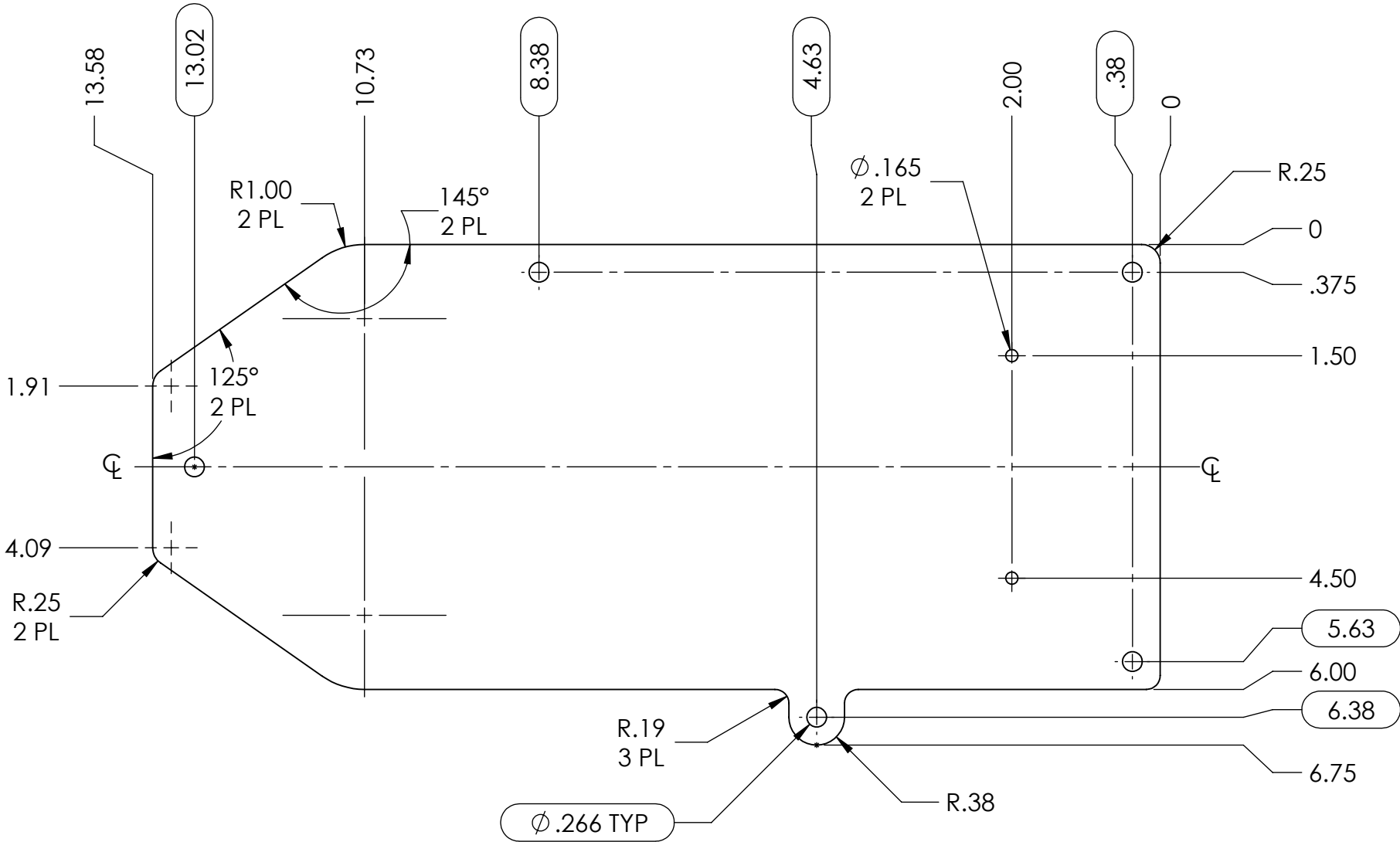
SIDE VIEW

652.0611 CONTROL HEAD STANDOFF PLATE

ORIGINAL DATE (MO-DA-YR) 19.04.09		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER TDC		
DRAWING APPROVAL P. BRAVO 19.04.11		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		CONTROL HEAD SHEET METAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 652.0600
		SCALE NONE	SHEET 3 OF 10

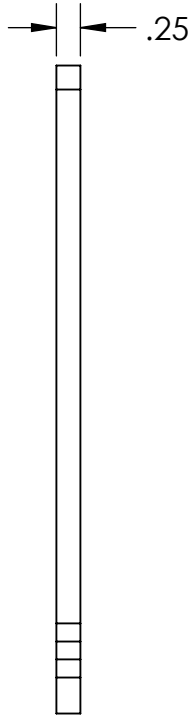
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A  
B  
C  
D



652.0612 CONTROL HEAD COVER PLATE

ISOMETRIC VIEW

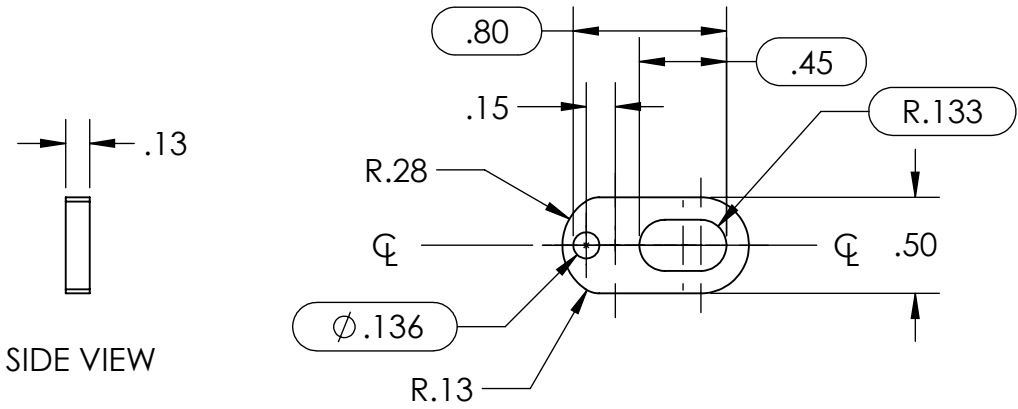


SIDE VIEW

ORIGINAL DATE (MO-DA-YR) 19.04.09		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER TDC		
DRAWING APPROVAL P. BRAVO 19.04.11		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		CONTROL HEAD SHEET METAL	
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CAGE CODE 07MZ6		DWG. NO. 652.0600	SHEET 4 OF 10
SCALE NONE			

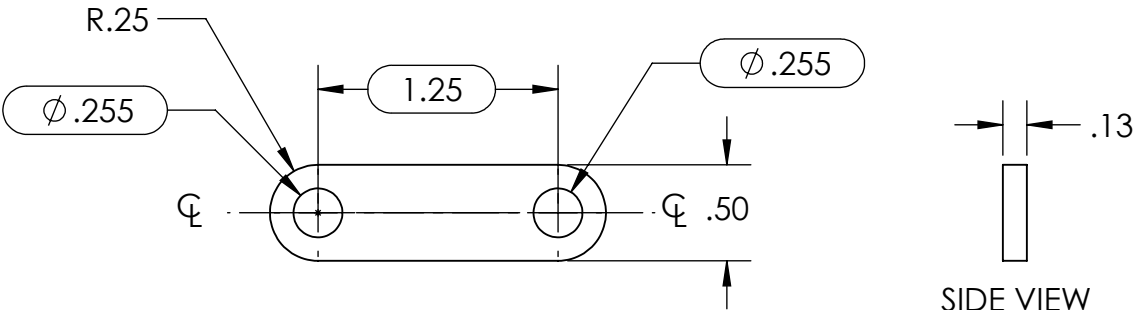
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A



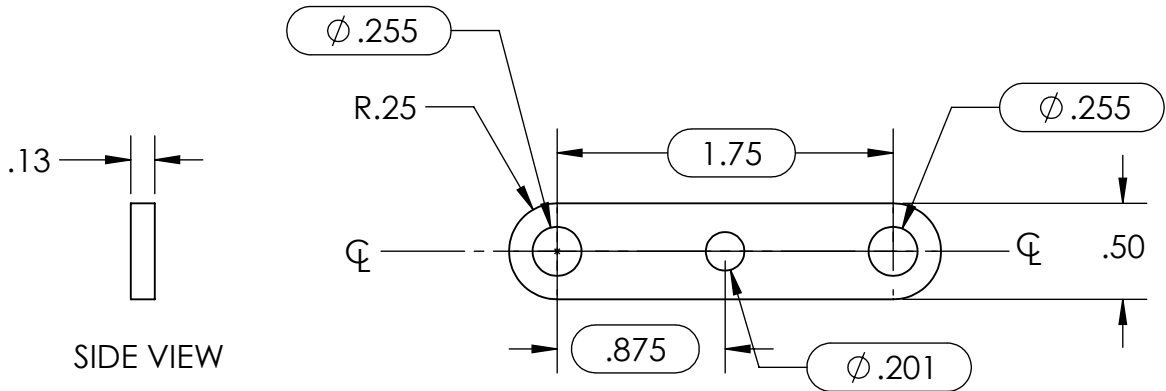
652.0613 LINK, SOLENOID

B



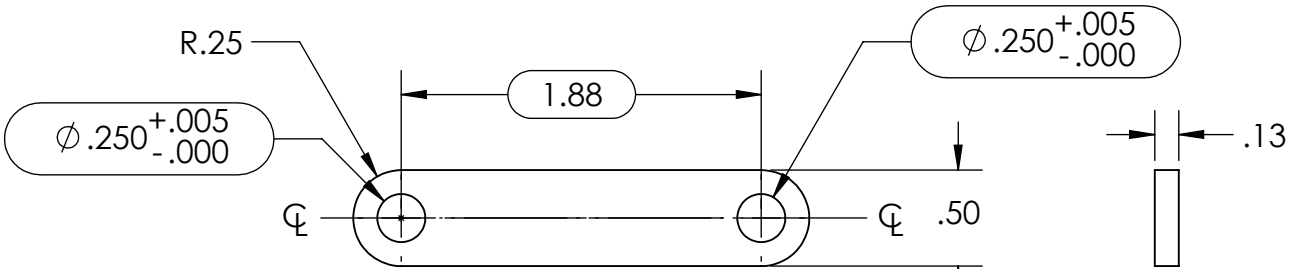
652.0614 LINK, BEARING ARM

C



652.0615 LINK, SPRING ARM

D




652.0616 LINK, CAM ARM

ORIGINAL DATE (MO-DA-YR) 19.04.09		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER TDC		
DRAWING APPROVAL P. BRAVO 19.04.11		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		CONTROL HEAD SHEET METAL	
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CAGE CODE 07MZ6		DWG. NO. 652.0600	SHEET 5 OF 10
SCALE NONE			

D



ORIGINAL DATE (MO-DA-YR)	19.04.09	 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER				
DRAWING APPROVAL P. BRAVO 19.04.11					
CONTRACT NO.		CONTROL HEAD SHEET METAL			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.001 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
SIZE	CAGE CODE	DWG. NO.			REV.
B	07MZ6	652.0600			A
SCALE NONE			SHEET 6 OF 10		

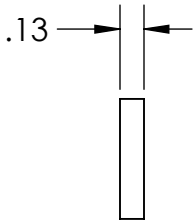
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A

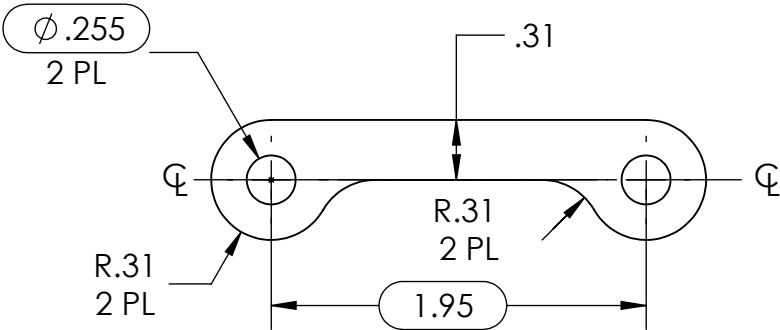
B

C

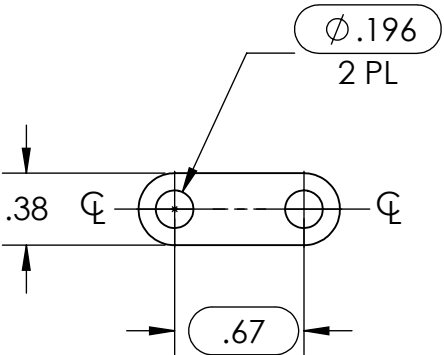
D



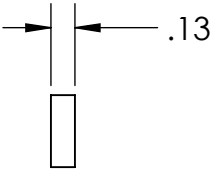
SIDE VIEW




652.0618 LINK, STIFFENER ARM



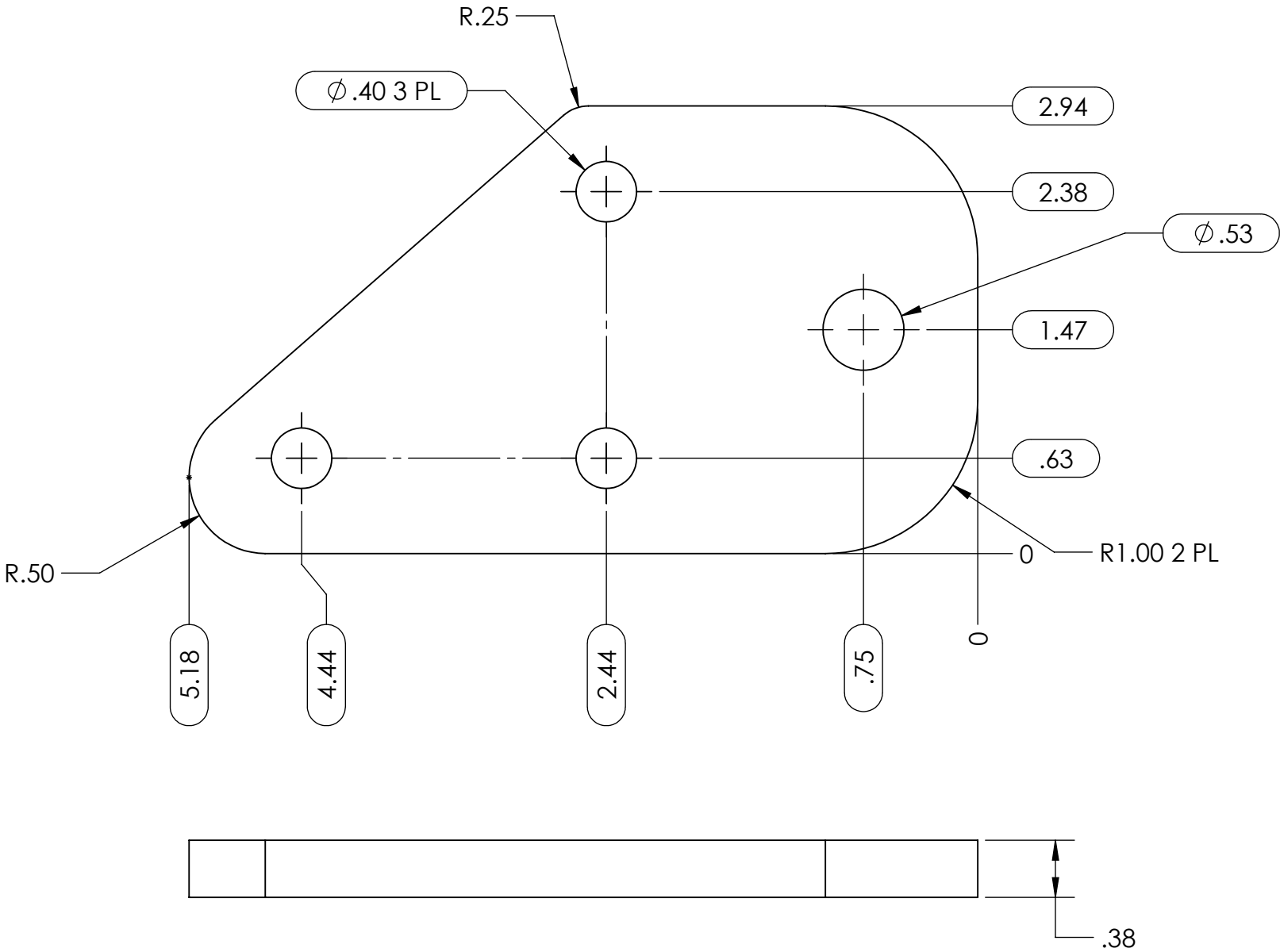
652.0619 LINK, STOP ARM



SIDE VIEW

ORIGINAL DATE (MO-DA-YR) 19.04.09		 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER TDC				
DRAWING APPROVAL P. BRAVO 19.04.11		CONTROL HEAD SHEET METAL			
CONTRACT No.		SIZE	CAGE CODE	DWG. NO.	REV.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		B	07MZ6	652.0600	B
		SCALE NONE		SHEET	7 OF 10

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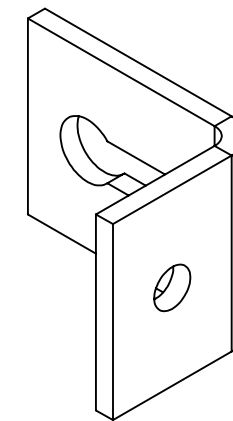


652.0620 CONTROL HEAD LIFTING PLATE

ORIGINAL DATE (MO-DA-YR) 19.04.09		<b>DART</b> AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER TDC		
DRAWING APPROVAL P. BRAVO 19.04.11		CONTROL HEAD SHEET METAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 652.0600
		SCALE NONE	SHEET 8 OF 10



D

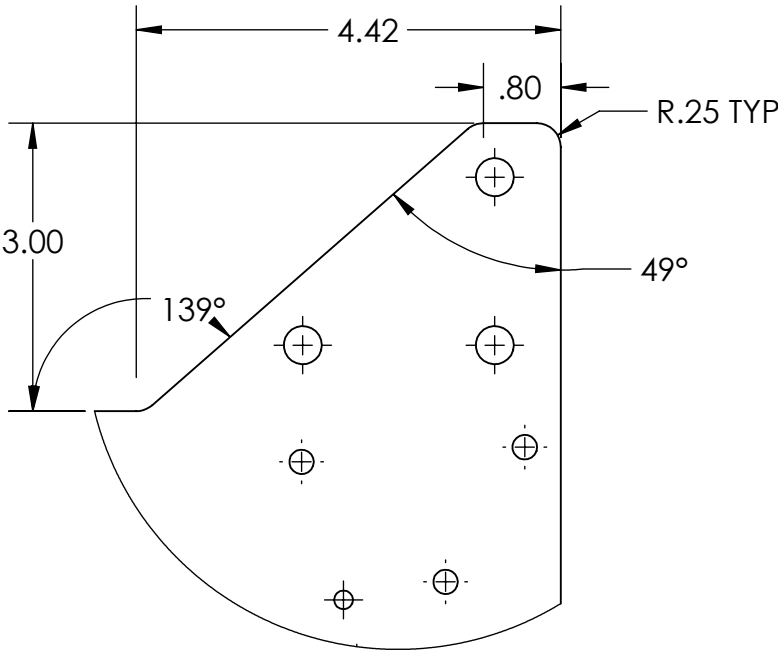


652.0622 L-BRACKET

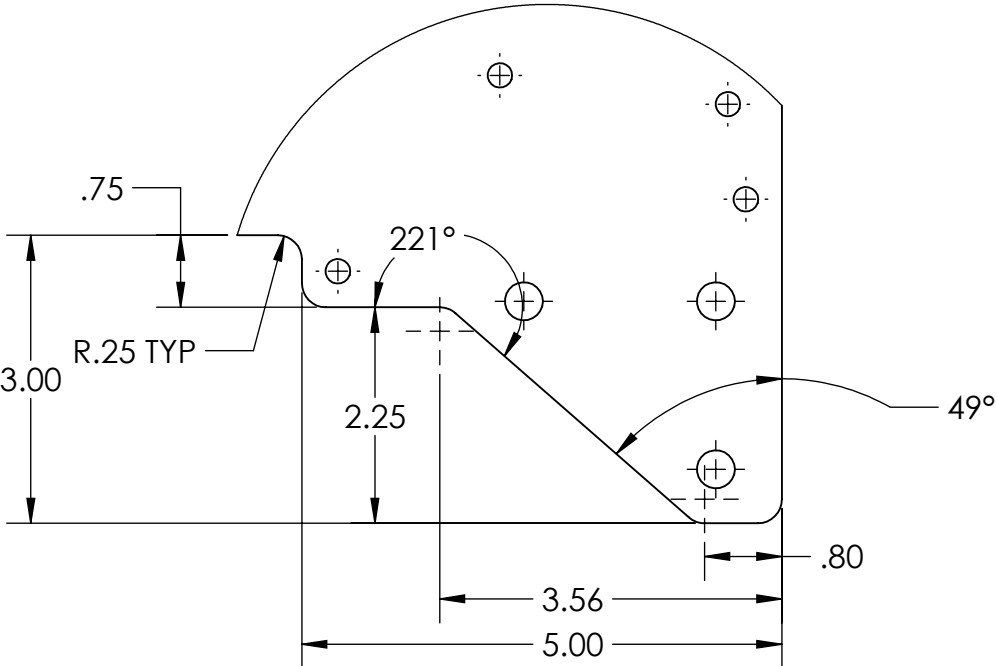


ORIGINAL DATE (MO-DA-YR)		19.04.09	 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY TDC	CHECKER TDC					
DRAWING APPROVAL P. BRAVO 19.04.11						
CONTRACT No.						
<div>CONTROL HEAD SHEET METAL</div>						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE IN: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			SIZE	CAGE CODE	DWG. NO.	REV.
			B	07MZ6	652.0600	B
			SCALE NONE			SHEET 9 OF 10

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DETAIL F



DETAIL E



ORIGINAL DATE (MO-DA-YR)		19.04.09
DRAWN BY TDC	CHECKER TDC	
DRAWING APPROVAL P. BRAVO 19.04.11		
CONTRACT No.		



3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

CONTROL HEAD SHEET METAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°			
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SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	652.0600	B
SCALE NONE		SHEET 10 OF 10	